

Utah Wind Working Group Minutes

Date - Wednesday, January 4, 2006

Time - 1:00 pm to 5:00 pm

Location – DNR Building – 1594 W. North Temple, Salt Lake City, UT

1:00 to 1:25 - Update on Policy Subcommittee, Sarah Wright, Utah Clean Energy

- Presentation posted online

1:25 to 1:40 - Qualifying Facilities (QF) Proceedings, Dr. Rich Collins, Professor of Economics at Westminster College

- Background
 - 1978 Public Utilities Regulatory Policies Act (PURPA) requires utilities to purchase energy from qualifying facilities
 - Utah Public Service Commission (PSC) helps formal proceedings
 - Goal of proceedings was to determine the price utilities will have to pay wind developers for their energy; 3 studies were considered to determine price
 - A company study determined 39 dollars per megawatt hour
 - Rich Collins study determined 61 dollars per megawatt hour
 - Market Proxy study determined an undisclosed price, but the price was closer to 61 dollars per megawatt hour than 39 dollars
 - Market Proxy price will be used to determine price for wind energy
 - Actual price is considered confidential and not open to the public
 - QF proceedings clarifying order should be available within 2 weeks
- Note: see www.psc.utah.gov/elec/indexes/0303514ndx.htm for complete filings and orders of this case.

1:40 to 2:15 - Spanish Fork Project, Christine Watson, Wasatch Wind

- Presentation posted online

2:15 to 2:45 - Circleville Residential Project, Joe Dalton, Owner

- Using a 30-year-old single phase turbine to provide energy for his home, and selling excess energy back to the grid
- Started as a hobby
- Anemometer data for a year shows an average of 9 mph for Circleville site
- Turbine has been online for 2 years
 - Turbine requires very little maintenance
- Some problems
 - Unable to bank power
 - Power company not helpful
- Future plans to setup a 2nd tower, which will be combined with a hydrogen system
- Presentation posted online

2:45 to 3:00 – Break

3:00 to 3:30 - Wind for Schools, Margarite Kelly and Larry Flowers (via phone), NREL

- Update
- How to get involved

3:30 to 4:25 - Update on USU Renewable Energy for Rural Economic Development (RERED) Project, Ed Stafford and Cathy Hartman (via phone), USU

Principal Initiatives of RERED Project:

- Conduct research on the market and policy factors driving renewable energy development in Utah
 - Progress: completed 31 of expected 33 in-depth interviews with key stakeholders
- Conduct research on how retail rates may be affected by the incorporation of wind power into Utah's electricity power portfolio
 - Progress: engaged USU economist Terry Glover to conduct retail analysis
 - Expanding stakeholder initiative to study rate issues
- Apply existing economic models to Utah counties
 - Progress: county economic data and wind developer costs have been collected and analyzed using the Job and Economic Development Impact (JEDI) model for three counties- Utah, Box Elder, and Tooele

4:25 to 4:40 - Anemometer Loan Program 2005-2006, Nykole Littleboy, SEP

- Anemometer loan program
 - 20- and 50-meter towers available
 - Free program
 - Apply at <http://geology.utah.gov/sep/wind/anemometerdata/index.htm>
 - Current anemometer data available at <http://geology.utah.gov/sep/wind/anemometerdata/index.htm>
- Upcoming Farm Bill workshops
 - February 8th in St. George
 - February 9th in Provo
 - February 10th in Logan (Utah State University)

4:40 to 4:55 - Wind Educational Opportunities, Nykole Littleboy, SEP

- Informational meetings for policy makers and regulators
- Volunteers for educational subcommittee

4:55 to 5:00 – Ideas For Next Meeting

- Net Metering Tariff
- Draft Zoning
- School wind programs
- Get representation from Utah Power and/or other utilities

5:00 – Meeting Adjourned